

pH is not adjusted

Flavour: 0.01% Grindsted flavoured 2701 to the fat phase
+0.01% Grindsted flavoured 2807 to the water phase

The emulsifiers and stabilizers mentioned are:

DIMODAN CP: Distilled monoglyceride made from vegetable oil

LECIDAN SB: Mixture of mono-diglycerides and special soya lecithin

SOBALG FD 120: Sodium alginate derived from brown algae

Disclosed by:
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32489

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Shaped Elastomeric Interposer for Large Area Array Connectors

The design of a elastomeric-interposer-type area array connector is disclosed, which maintains uniform contact pressure over large areas.

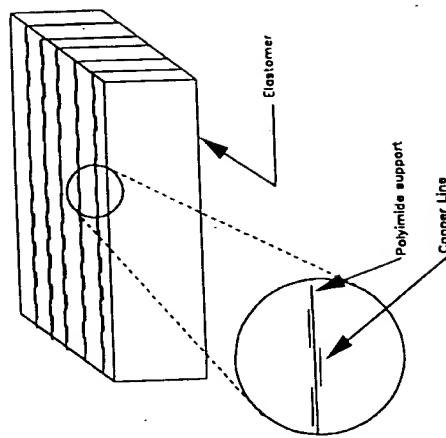
In many applications of area array connectors, it is possible to clamp the mating parts only on the periphery of the array because of the presence of cables or other obstructions in the central portion of the array. Such clamping can give rise to distortion of the mating parts and an uneven pressure distribution on the interposer. This, in turn, leads to inconsistent contact performance over the array. In the present approach, the stress distribution over the elastomeric pad in the clamped state is calculated and the cross section of the pad is modified such that a uniform normal force is achieved at all points on the interposer.

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Elastomeric Interposer using Film-Supported Metal Conductors

Disclosed is a method for using well-known, low cost, flexible circuit technology to fabricate a high-compliance, laminated structure for use as a flexible interposer type connector.

The basic structure is shown in Figure 1. A flexible circuit, consisting of a number of parallel conductors separated by spaces, is fabricated on both sides of a carrier of polyimide film using standard flex circuit technology. A number of these circuits are then layered with elastomeric material and bonded. The resultant structure is sliced perpendicular to the conductors to create the interposer.



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